



# BIOSCIENCES INDUSTRY

## MISSOURI TARGET INDUSTRY

SEPTEMBER 2024

### QUICK STATS BIOSCIENCES STATEWIDE

2023 Average Annual Wage  
**\$82,482**  
24.5% increase from 2018

2023 Employment Statewide  
**49,408**  
12.2% increase from 2018

Net Employment Change  
2018-2023  
**5,373**

2023 Number of Establishments  
**3,607**

Employment Change  
2018-2023

Pharmaceutical and Medicine Mfg.  
**1,562**

Veterinary Services  
**1,288**

R&D in Physical, Engineering, and Life  
Sciences  
**893**

Grain and Oilseed Milling  
**465**

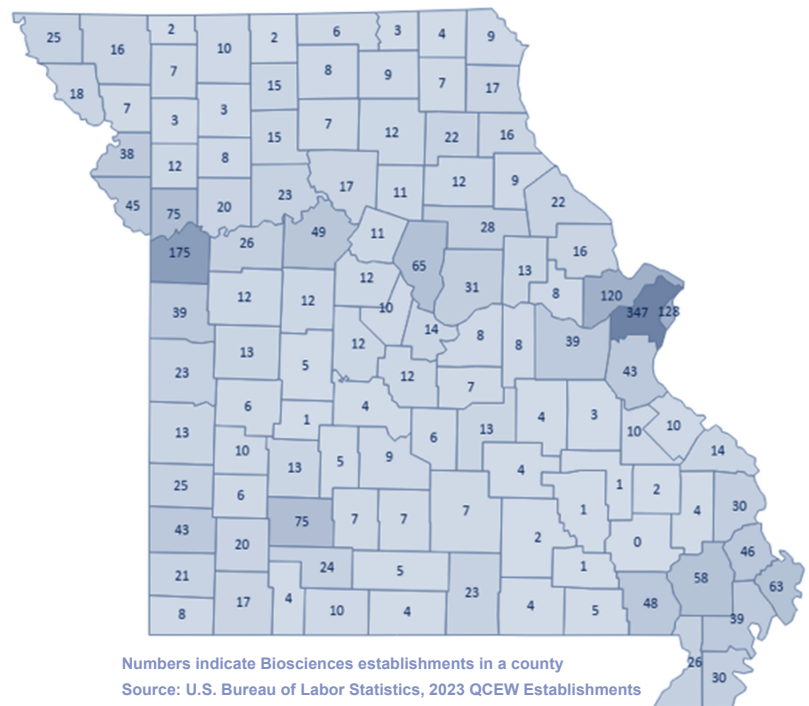
Pesticide, Fertilizer, and Other  
Agricultural Chemical Mfg.  
**447**

The Biosciences industry includes production, services, and research and development sectors. Biosciences represents 2.0 percent of total private sector employment in Missouri, employing 49,408 workers across 3,607 establishments in 2023.

Location quotient (LQ) compares the regional share of an industry to the national share. LQs that are higher than the national average of 1.0 indicate a higher employment concentration within a region. Missouri has higher employment concentrations in *Animal Food Manufacturing* with an LQ of 3.98, *Hog and Pig Farming* with an LQ of 3.43, *Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing* with an LQ of 3.14, and *Oilseed and Grain Farming* with an LQ of 2.57.

Employment grew an average of 2.4 percent per year from 2018 to 2023, adding a total of 5,373 jobs. The industries with the greatest employment growth included *Pharmaceutical and Medicine Manufacturing; Veterinary Services; Research and Development in the Physical, Engineering, and Life Sciences; and Grain and Oilseed Milling*.

### MISSOURI CONCENTRATION OF BIOSCIENCES ESTABLISHMENTS



# BIOSCIENCES TARGET INDUSTRY GROUP

NAICS	Industry	2023 Establishments	2023 Employment	2023 Average Annual Wage	2023 Employment LQ	2018-2023 Change in Employment
<b>All</b>	<b>Total, All Industries</b>	<b>237,836</b>	<b>2,470,880</b>	<b>\$62,563</b>	<b>1.00</b>	<b>89,619</b>
	<b>Total, Biosciences</b>	<b>3,607</b>	<b>49,408</b>	<b>\$82,482</b>	<b>1.05</b>	<b>5,373</b>
1111	Oilseed and Grain Farming	696	2,770	\$51,822	2.57	338
1122	Hog and Pig Farming	100	1,867	\$49,778	3.43	-175
1152	Support Activities for Animal Production	95	510	\$42,049	0.87	-106
3111	Animal Food Manufacturing	115	5,486	\$106,894	3.98	413
3112	Grain and Oilseed Milling	45	2,594	\$66,493	2.13	465
3251	Basic Chemical Manufacturing	94	3,486	\$80,966	1.20	85
3253	Pesticide, Fertilizer, & Other Ag. Chem. Mfg.	62	2,245	\$102,125	3.14	447
3254	Pharmaceutical and Medicine Mfg.	220	7,179	\$94,414	1.10	1,562
3391	Medical Equipment and Supplies Mfg.	299	3,853	\$65,898	0.62	126
4245	Farm Product Raw Material Merchant Whole	200	2,170	\$55,595	1.63	37
54171	R&D in Physical, Engineering, & Life Science	938	8,543	\$126,909	0.53	893
54194	Veterinary Services	743	8,705	\$47,144	1.00	1,288

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2023 Annual Data  
Target Industry aggregation may not equal sum of detailed industries due to data suppressions.

The average annual private wage in Biosciences in 2023 was \$82,482. This was \$19,919 more than the state's average annual private wage of \$62,563. The highest average annual wages within this industry were in *Research and Development in the Physical, Engineering, and Life Sciences; Animal Food Manufacturing; Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing; and Pharmaceutical and Medicine Manufacturing.*

Ten Biosciences industries had net employment gains from 2018 to 2023. *Pharmaceutical and Medicine Manufacturing* had the largest gain in employment, adding 1,562 jobs. *Veterinary Services* was the largest industry, employing 8,705 workers in 2023.

NOTES:  
Target Industries are defined by North American Industry Classification System (NAICS) codes relevant to the target industry cluster. Industry clusters are not mutually exclusive and may include similar industry codes.

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